

DIRECTOR OF CENTRAL INTELLIGENCE
Technology Transfer Intelligence Committee

TTIC-C-135

MEMORANDUM FOR: Deputy Director of Central Intelligence

FROM: [REDACTED]

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Chairman

SUBJECT: Response to Your Question About Improving Community
Assessments of Potential Technology Losses Through Trade
Fairs and ConferencesREFERENCES: A. Note for Walt Elder from EA/DDCI,
dated, 21 September 1982, w/attachmentB. Memorandum for EA/DDCI from [REDACTED]
dated 30 July 1982

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1. ACTION: Recommend that you forward the attached note to the DCI. The note requests approval to invite representatives of the National Aeronautics and Space Administration (NASA) to participate in TTIC deliberations (see paragraph 4). The 3 December 1981 DCID creating TTIC specifies that, "with the approval of the DCI, the Committee chairman may invite representatives of relevant US Government entities with national security interests to participate as appropriate." The invitation to NASA stems partly from the results of a study responding to your questions concerning losses at Trade Fairs. Background information and details are given below.

2. BACKGROUND: To respond to your concerns about potential technology losses at trade fairs and international conferences (Reference A), [REDACTED] some time ago formed a TTIC Trade Fair Working Group to address the concern initially raised about the display at the UNISPACE-82 conference of a space antenna developed by an NRO contractor (Reference B).

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- Our working group, chaired by [REDACTED] of the NRO and having two CIA representatives from OD&E/DDS&T with others being from NSA, DoE, Commerce, Justice, and State, has completed its report.

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SUBJECT: Response to Your Question About Improving Community Assessments of Potential Technology Losses Through Trade Fairs and Conferences

- . This memorandum provides a status report on the group's insights and on related activities in TTIC and in various US Government agencies.
- . The Working Group addressed your question about how the Intelligence Community might do better in assessing potential technology losses through international conferences and trade fairs, and they also reviewed current procedures related to the review and licensing of displays at such fairs and conferences.
- . Particular attention was paid to displays of sophisticated technology and equipment such as that developed for- or related to- National Reconnaissance Programs.

3. DETAILS: After several months of investigation the TTIC Trade Fair Working Group concluded that

- . Procedures and regulations governing the display of reconnaissance-related and other sophisticated equipment at international trade fairs are adequate, in place, and generally understood by US contractors; however, there are cases where they have broken down.
- . In the case of "UNISPACE-82," the normal licensing process was bypassed because UNISPACE-82 was government sponsored, thereby exempting displays from the normal export licensing and review process (NASA acted only as the exporting agent).
- . Some limited review did occur but it was very late and not as thorough as it could have been with sufficient time. In this case, choices were made in accordance with current law, and the letter of the law was satisfied.
- . For the future, a more intimate awareness within NASA is called for, as well as within other US Government agencies, regarding the foreign intelligence collection threat at trade fairs and the pervasiveness of the technology transfer problem. This increased awareness may aid in encouraging wider review of displays and more timely Intelligence Community involvement in the routine review of such displays.

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4. The Working Group recommended, and the TTIC members agreed, that it would be useful to invite NASA, an organization with national security interests, to participate on TTIC as an associate member or observer for many reasons, including that mentioned above. Additionally,

- Having them at TTIC will permit them to see the totality of US Government views on the technology transfer issue and may help raise the priority of the issue within NASA.
- Since our intelligence shows the Soviets are seeking US space-related data, their presence on TTIC as well as their guidance and involvement in Intelligence Community affairs may help us stem future Soviet acquisitions.

If approval is given, I will extend an invitation to the Assistant Associate Administrator for Space Science and Applications (NASA) to send an observer to TTIC. There have been some informal conversations recently with NASA officials, and they look very favorably upon some arrangement.

5. Although the letter of the law was satisfied in the case of UNISPACE-82, the fact that US Government sponsored displays do not need to go through the normal licensing process still remains. This and other technology loss problems related to conferences and trade fairs likely will be addressed by a new group in DoD.

- DoD recently established a Steering Committee on National Security and Technology Transfer. There are several subcommittees, dealing with technology loss problems, including those on contractual provisions, scientific conferences and trade shows, and publication and public presentation of research papers.
- The NSA and DIA Members of TTIC are on these subcommittees; we have asked them to keep TTIC informed regarding relevant developments and to informally represent TTIC concerns in these DoD forums.
- In addition, my staff and I will arrange to talk to the Chairperson of the Steering Committee, Dr. Edith Martin, Deputy Undersecretary of Defense for Research and Advanced Technology, to outline TTIC's interests and activities and to offer to be of assistance, as appropriate.

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6. TTIC, like the DoD Steering Committee, is interested in identifying or developing structures and procedures to ensure that there is careful assessment of the technology transfer implications at international trade shows and conferences.

- . We are initially concerning ourselves with those where equipments would be displayed or papers read that were developed by research paid for, at least in part, by the US Government itself. These will be the situations where the Government most readily can intervene when necessary.
- . There are a number of complex issues involved, all of which should be addressed in the forthcoming policy statements developed under NSSD 14-82 dealing with "Scientific Communication and National Security" and under NSSD 1-83 on "US Technology Transfer Policy." TTIC already is actively involved in the NSSD 14-82 effort, and both myself and the Executive Secretary of TTIC will personally participate in two Working Groups of the NSSD 1-83 study.

7. One of the difficulties in doing better in assessing potential losses is in obtaining early warning of conferences and trade fairs of particular concern.

- . Efforts have been made to secure regularly in the TTIC staff information about conferences and trade shows. [redacted]

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- . In addition, TTIC Members who become aware of conferences symposia, or trade fairs in the United States or abroad which involve sensitive technologies have been invited to bring these to the attention of the TTIC staff, which then would circulate the information to TTIC Members and other interested Government components.

8. TTIC also will accelerate efforts to explain technology transfer concerns to interested Government organizations and, where appropriate, to involve industrial contractors and to solicit their cooperation. Even within the Intelligence Community awareness-related work needs to be done. For

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The Working Group has proposed that TTIC sponsor a series of briefings regarding the full range of each organization's participation in technology transfer collection, regulatory activities, and associated responsibilities and activities. This material may then be documented and published by TTIC as a basic reference tool.

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9. Overall, we can only say that most in the US Government are just getting underway on this issue related to trade fairs and conferences. We will explore further what useful actions TTIC might take or promote. The TTIC Trade Fair Working Group will be reactivated on an ad hoc basis when required in special cases to expedite or focus Intelligence Community attention or obtain coordinated support for DCI action on unique trade fairs, conferences, or symposia.

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Attachment:
A/S

DDI/TTIC Secretariat/[REDACTED] 15 April 1983)

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